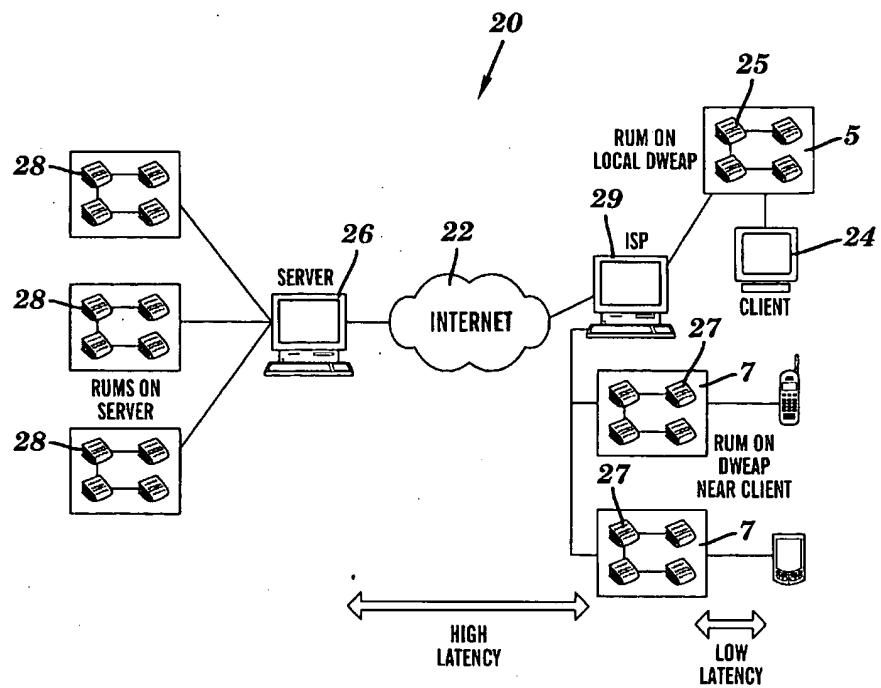


***FIG. 1***  
**RELATED ART**

**FIG. 2**

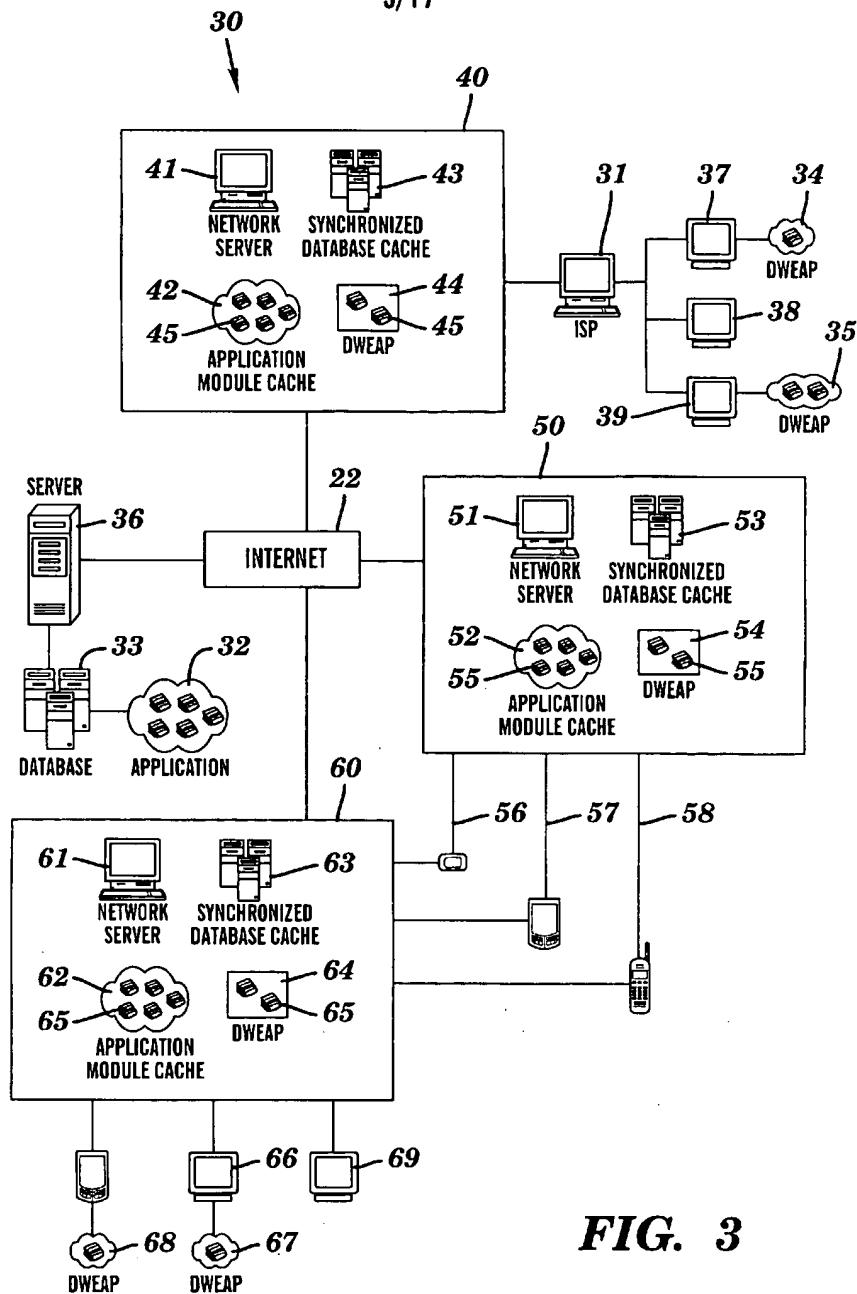
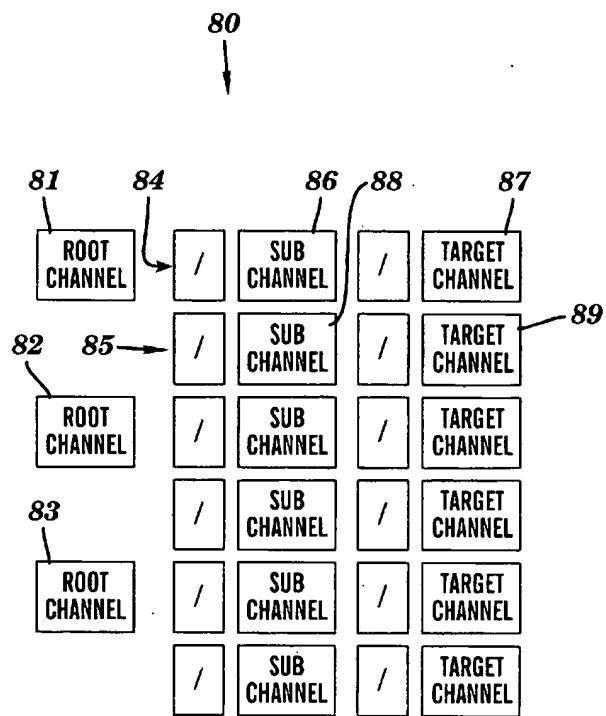


FIG. 3



**FIG. 4**

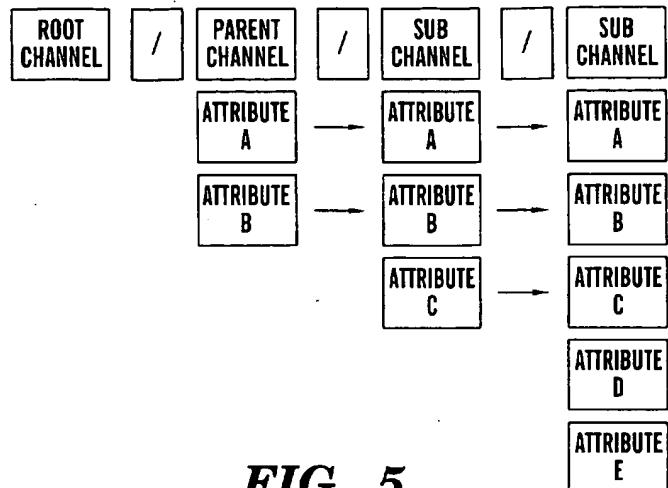


FIG. 5

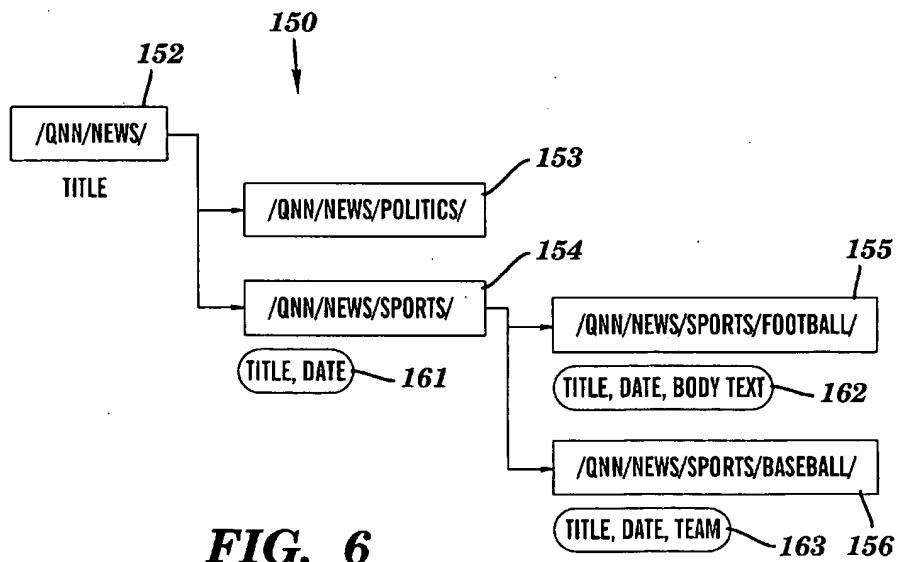


FIG. 6

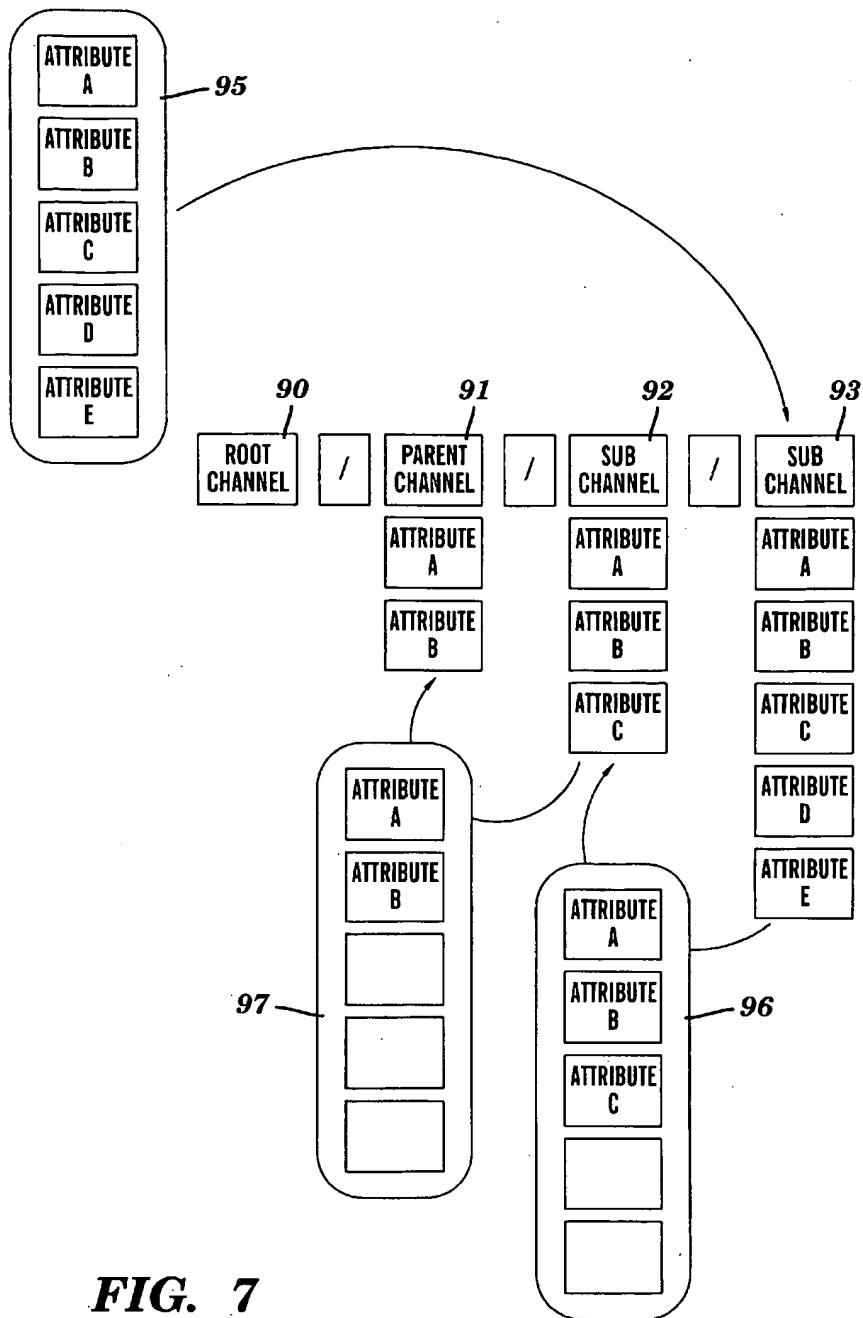


FIG. 7

**CONTENT-CACHE****GET /CLIENT-NAME/CHANNEL-PATH/TARGET-TYPE**

RETURNS A STATIC OBJECT SUCH AS A GRAPHICS FILE OR DOWNLOADABLE FILE.

**BORDER EXECUTION****GET /CLIENT-NAME/CHANNEL-PATH/TARGET.JAVA**A REQUEST FOR AN EXECUTABLE OBJECT RESULTS IN THE BORDER-EXECUTION OF THAT OBJECT.  
THESE ARE WRITTEN AS JAVA SERVLETS.**MESSAGING****GET /CLIENT-NAME/CHANNEL-PATH?METHOD & ATTRIBUTES...**

DIRECTLY REFERENCES A TOPIC. NOTE THERE IS NO FILE EXTENSION.

METHOD=CreateChannel

CREATES A SUBCHANNEL OF THE CURRENT CHANNEL

ATTRIBUTES: NAME OF SUBCHANNEL

METHOD=SubscribeChannel

SUBSCRIBES THE CURRENT CHANNEL TO THE SPECIFIED CHANNEL

ATTRIBUTES: NONE

METHOD=UnsubscribeChannel

UNSUBSCRIBES THE CURRENT CHANNEL FROM THE SPECIFIED CHANNEL

ATTRIBUTES: NONE

METHOD=QueryChannel

RETURNS DATA ABOUT CHANNEL AND SUBCHANNEL

ATTRIBUTES: NONE

METHOD=DestroyChannel

DESTROYS THE SPECIFIED CHANNEL

ATTRIBUTES: NONE

METHOD=PublishObject

NEW CONTENT IN THE CHANNEL NEEDS REFRESH

ATTRIBUTES: PATH TO OBJECT THAT NEEDS REFRESH

**FIG. 8**

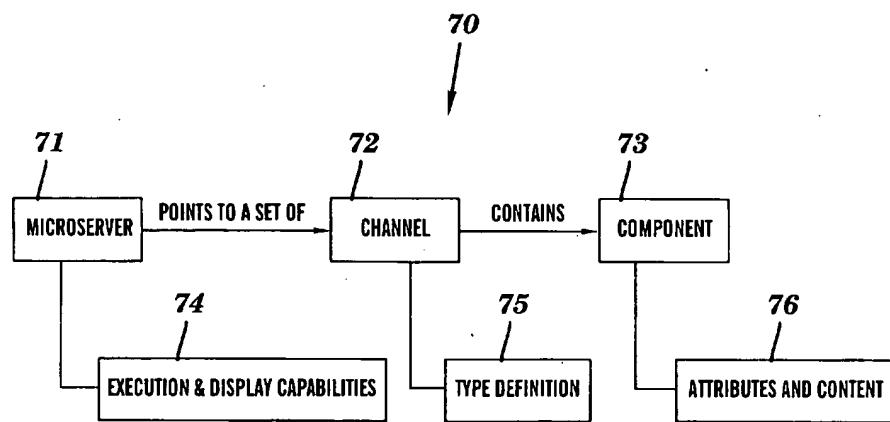
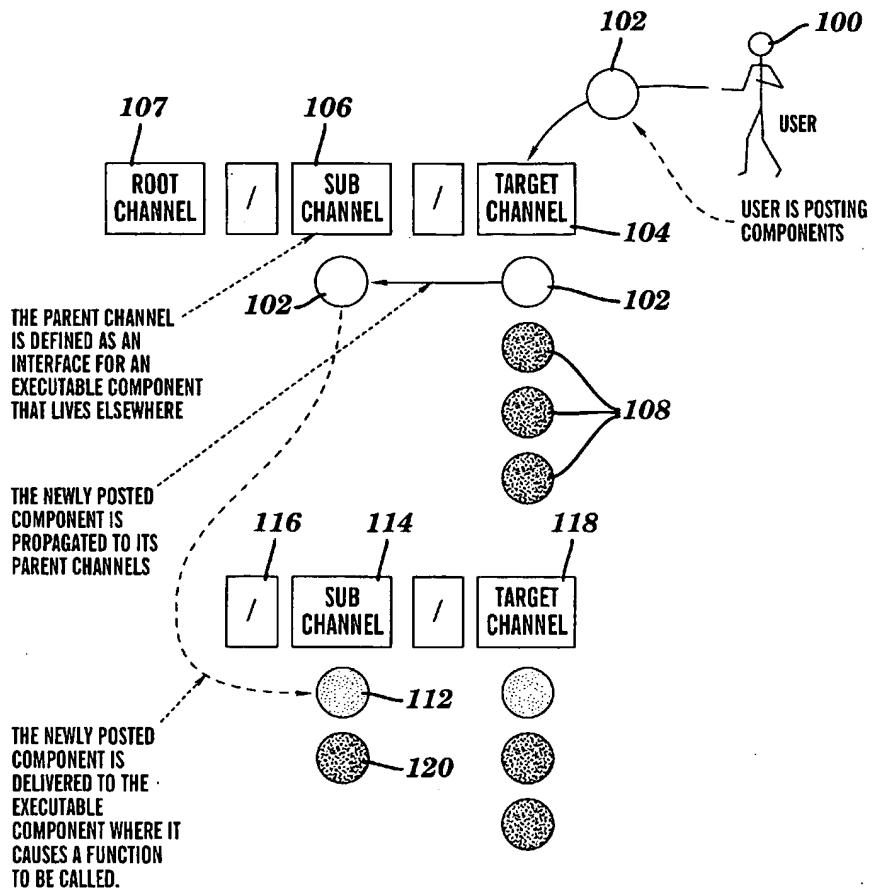
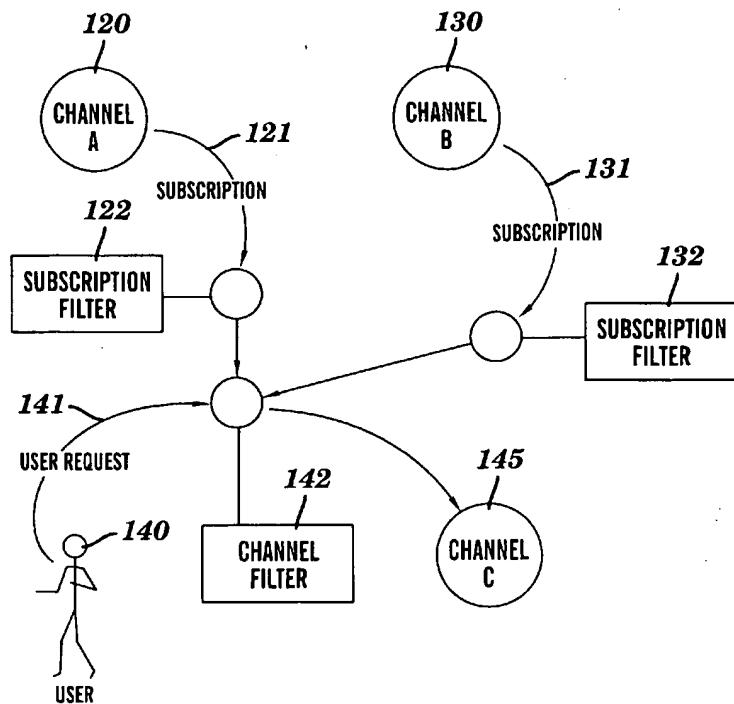


FIG. 9

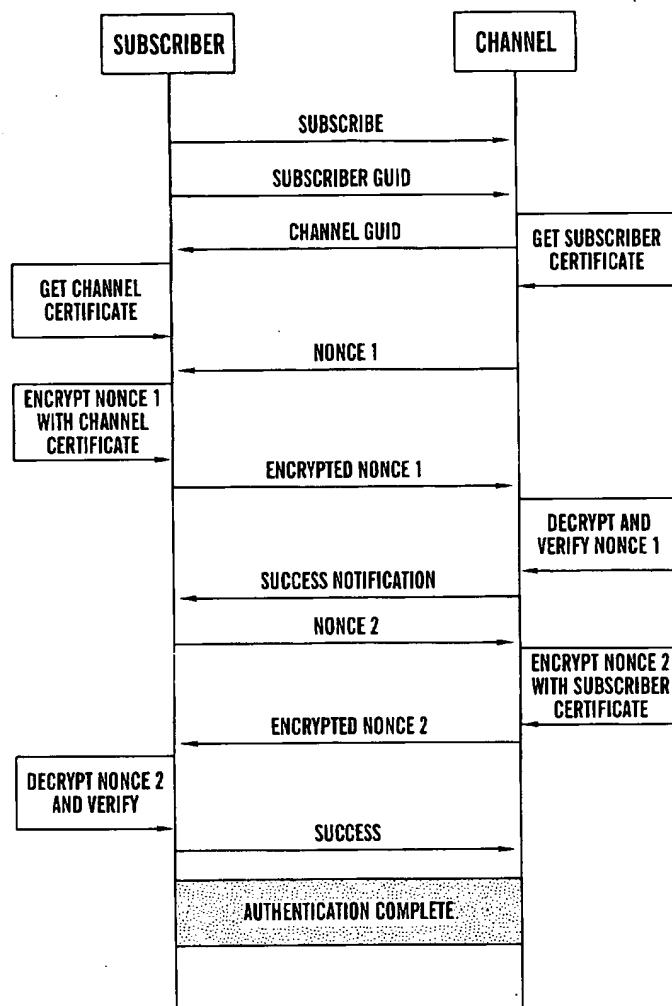
- NEWLY POSTED COMPONENT
- PERSISTENT COMPONENTS (PREVIOUSLY POSTED)
- ◎ EXECUTABLE COMPONENT



**FIG. 10**



**FIG. 11**

**FIG. 12**

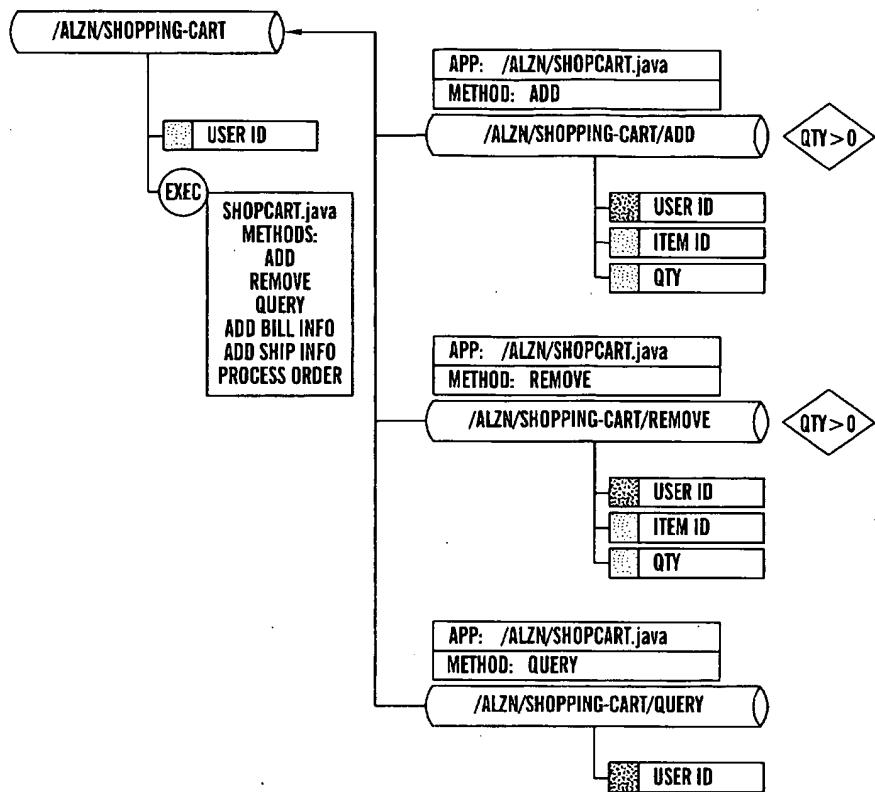
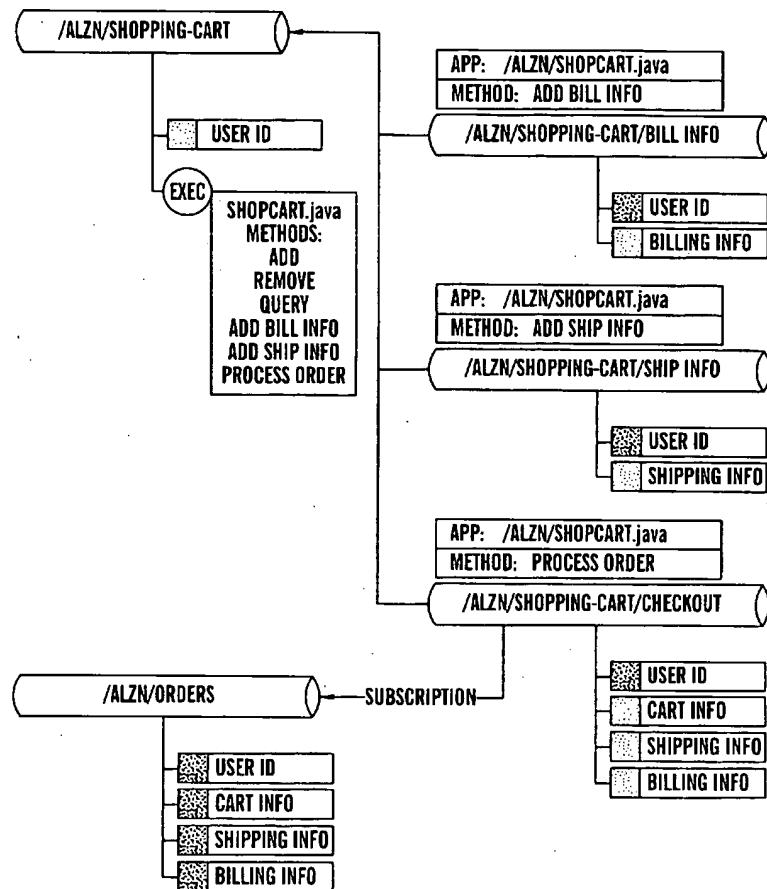
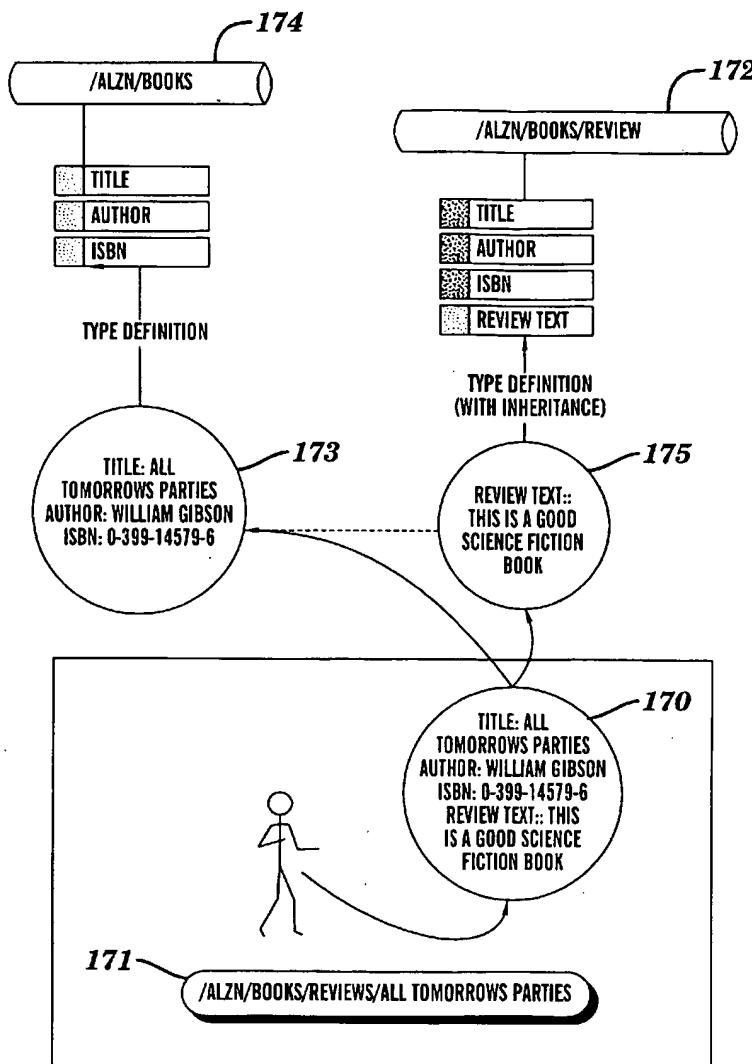
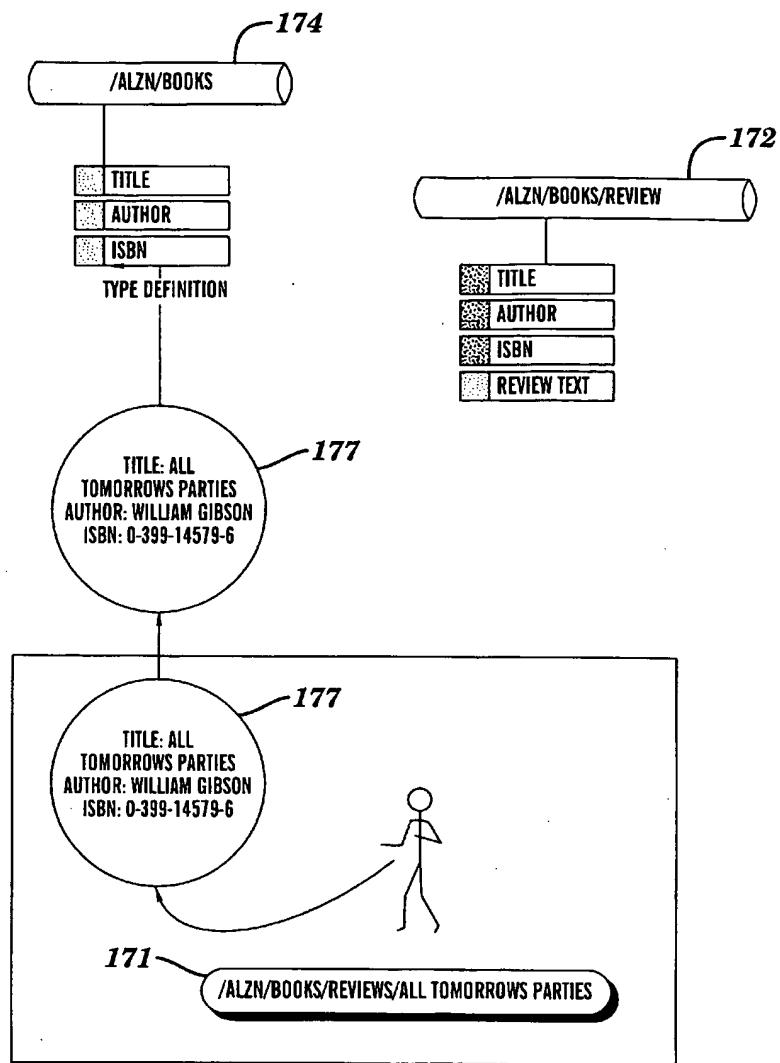


FIG. 13

**FIG. 14**

ALZEN BOOKS

**FIG. 15**

**FIG. 16**

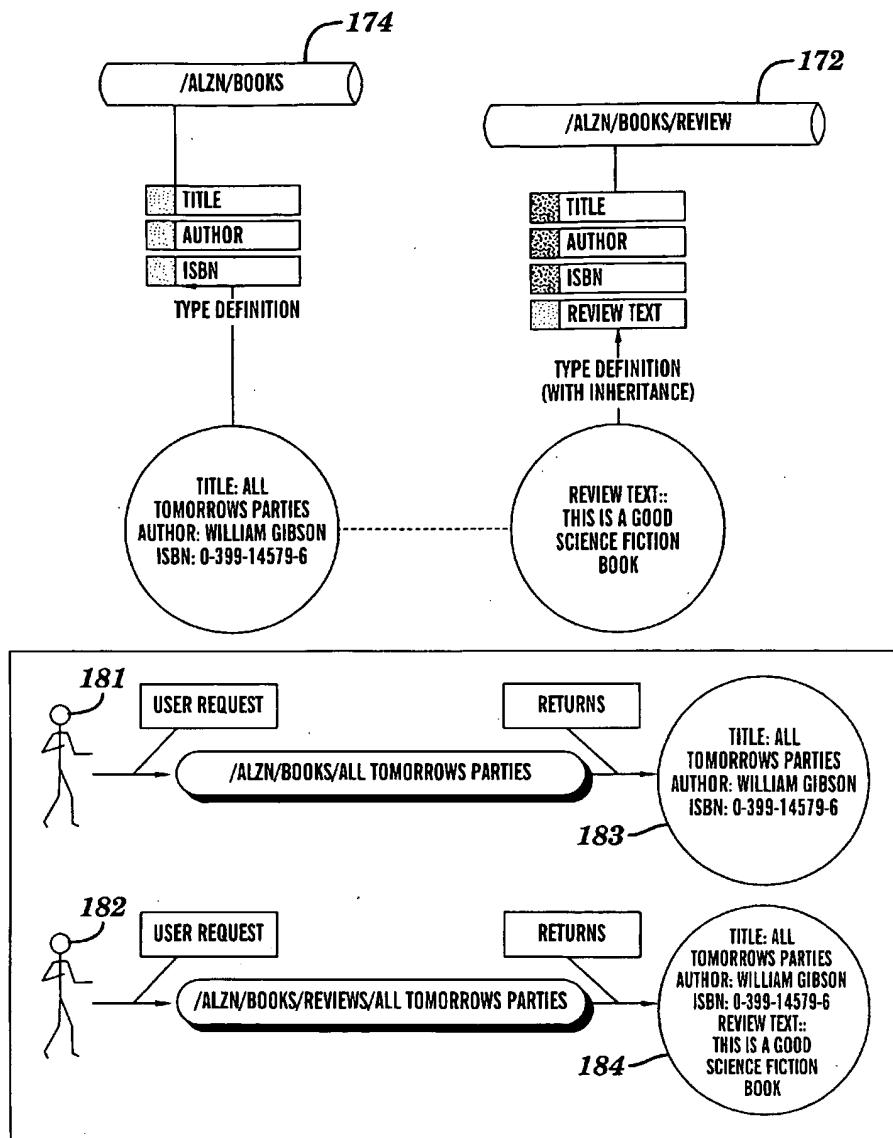
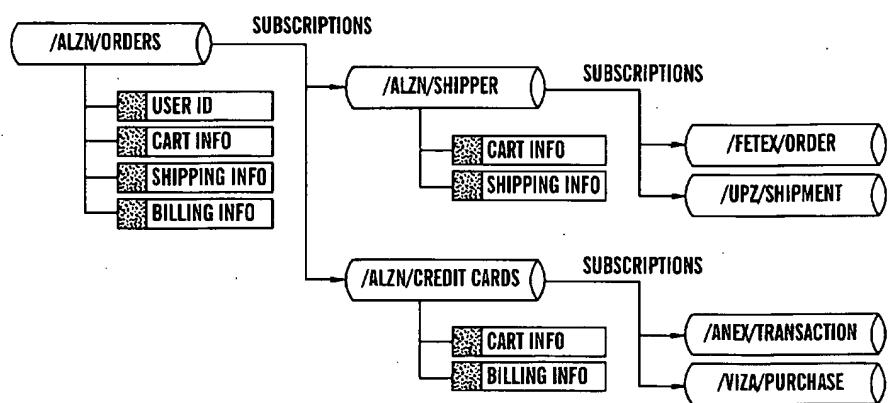


FIG. 17



**FIG. 18**